

Address,
City, State
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FIRST LAST

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EMPLOYMENT

Software Development Engineer, Intern	Parker Hannifin	May 2014 to Present
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- Refactored and optimized a VB.NET enterprise, CRUD application by reducing file size from 450mb to 220mb
 - Converted code base from procedural-based programming to object oriented programming
 - Consulted with non-technical end users continuously to iteratively gather client requirements
 - Led requirements gathering and live testing for newly requested functionality
 - Introduced software documentation and created user manuals
 - Developed expertise in project management by assuming all application development responsibilities
 - Introduced Scrum principles for maximum development efficiency, with one week sprints, daily scrum meetings, and weekly sprint planning meetings
- Developed a dynamic, client-facing ASP.NET MVC-based web application for Parker's intranet
 - Conferred with end-users in Mexico, using the Spanish language, to define business goals, determine logistics and software functionality
 - Relayed accurate development goals, milestones, and achievements to management using wireframing
- Technologies used: ASP.NET, VB.NET, CSS, HTML, SQL, AJAX, JavaScript, Bootstrap, AngularJS

Quality Assurance Engineer, Intern	SteelSeries	March 2014 to May 2014
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- Spearheaded testing and support of the SteelSeries Engine 3 (SSE3) web application
- Assured successful gaming device integration into SSE3 software through exhaustive black box testing
- Oversaw customer support for hardware and software related issues through Zendesk's software
- Deliberated with developers about prioritization of user-issued help tickets
- Collaborated with the development team using Kanban's Agile development environment

Latino Club President	William Rainey Harper College	May 2011 to May 2012
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- Managed a team of 3 other executive board members and delegated weekly assignments
- Led weekly meetings to plan campus projects, with an average attendance of 40 college students
- Deliberated with fellow group members about utilization of resources, and fundraising for our budget
- Coordinated and directed a cultural variety show that raised sufficient funds for four \$500 scholarships

EDUCATION

Chicago, IL	University of Illinois at Chicago	May 2015
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- Bachelor of Science in Electrical Engineering with Minor in Computer Science
- UIC Honors Program
- Major GPA: 3.44/4.00

PROJECTS

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| Kitchen Microwave Simulator Assembly | Spring 2014 |
| <ul style="list-style-type: none">- Developed firmware for a NanoCore12 microcontroller to emulate the Snake game using 8x8 LED grid | |
| KenKen Game and KenKen Solver C | Fall 2013 |
| <ul style="list-style-type: none">- Implemented a singly linked list to enable move tracking and move reversal- Optimized the CSP backtracking algorithm to render solution time of all puzzles to under 1 second | |
| Pac-Man Clone C++ | Summer 2013 |
| <ul style="list-style-type: none">- Improved ghost movement by utilizing an A* path finding algorithm to navigate the maze | |

TECHNICAL SKILLS

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- **Computer Languages:** C (Advanced); Visual Basic .NET (Proficient); Assembly Language (Proficient)
 - **Computer Software:** Eclipse; Sublime; Visual Studio; Git
 - **Electrical Engineering Tools:** Digital Multi-Meter; Oscilloscope; Function Generator